

ABSTRACT OF THE DISCLOSURE

A capacitor including a first electrode selected from a group consisting of transition metals, conductive metal-oxides, alloys thereof, and combinations thereof. The capacitor also includes a second electrode and a dielectric between the first and second electrodes. The present invention may be used to form devices, such as memory devices and processors. The present invention also includes a method of making a capacitor. The method includes forming a first electrode selected from a group consisting of transition metals, conductive metal-oxides, and alloys thereof. The method also includes forming a second electrode and forming a dielectric between the first and second electrodes.